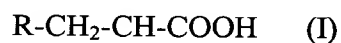


ABSTRACT

A method and compound for detecting and identifying and/or quantifying a deaminase enzymatic activity of a microorganism, according to which an inoculum suspected of containing a microorganism with a deaminase activity is brought into contact with a culture medium for microorganisms,

wherein the culture medium comprises at least one detection agent for demonstrating, by forming a colored product with a revealing agent, a deaminase enzymatic activity;

said detection agent being an L-amino acid of following general formula (I):



in which R represents an organic radical containing a cyclic ring, said cyclic ring being substituted with 1 to 3 substituents that are identical or different and each of which limits the diffusion in the culture medium of the α -keto acid produced by the deamination of the at least one detection agent, as compared to where each of said substituents is not present.